

ABSTRACT OF THE INVENTION

A tool for more quickly and efficiently removing the liner bolts that hold sections of liners to the inside of an ore grinding mill shell. The tool has thick-walled tubular barrel with a front cap assembly and a rear valve assembly at opposing ends. A projectile is slidably disposed in the barrel chamber. The rear valve assembly connects to a supply of compressed air to deliver compressed air to the chamber and cause the projectile to move rapidly forward toward the front end cap assembly and contact an impactor, which is in contact with the liner bolt to be removed. The forward movement of the projectile causes the impactor to move forward and drive the bolt out of the shell and liner. The tool has little recoil effect and utilizes a safety absorber to reduce the likelihood of damage or injury from use of the tool.